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## NOTICE OF ALLOWANCE AND FEE(S) DUE

55346

7590

03/20/2009

Schlumberger Technology Corporation/Osha Liang  
Mr. Bryan Galloway, Managing IP Counsel  
5599 San Felipe, Suite 100  
HOUSTON, TX 77056

EXAMINER

THANGAVELU, KANDASAMY

ART UNIT

PAPER NUMBER

2123

DATE MAILED: 03/20/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/270.128

03/16/1999

THOMAS R. MILLER

09/469/157001; 94/0016

2059

TITLE OF INVENTION: SIMULATION SYSTEM INCLUDING A SIMULATOR AND A CASE MANAGER ADAPTED FOR ORGANIZING DATA  
FILES FOR THE SIMULATOR IN A NON-CONVENTIONAL TREE LIKE STRUCTURE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	06/22/2009

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

**THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

## HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

# **PART B - FEE(S) TRANSMITTAL**

**Complete and send this form, together with applicable fee(s), to: Mail**

**Mail Stop ISSUE FEE  
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or Fax (571)-273-2885**

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

55346 7590 03/20/2009

**Schlumberger Technology Corporation/Osha Liang  
Mr. Bryan Galloway, Managing IP Counsel  
5599 San Felipe, Suite 100  
HOUSTON, TX 77056**

## **Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE-FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/270,128	03/16/1999	THOMAS R. MILLER	09469/157001; 94.0016	2059

**TITLE OF INVENTION: SIMULATION SYSTEM INCLUDING A SIMULATOR AND A CASE MANAGER ADAPTED FOR ORGANIZING DATA FILES FOR THE SIMULATOR IN A NON-CONVENTIONAL TREE LIKE STRUCTURE**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	06/22/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
THANGAVELU, KANDASAMY	2123	703-022000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/147; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 \_\_\_\_\_
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 \_\_\_\_\_
- 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.111. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_

Typed or printed name \_\_\_\_\_ Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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EXAMINER

THANGAVELU, KANDASAMY

ART UNIT

PAPER NUMBER

2123

DATE MAILED: 03/20/2009

## Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

**Notice of Allowability****Application No.**

09/270,128

**Examiner**

KANDASAMY THANGAVELU

**Applicant(s)**

MILLER, THOMAS R.

**Art Unit**

2123

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERIT IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to December 11, 2008.
2. ☒ The allowed claim(s) is/are 10,22,24,28-32 and 38-47.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☒ Other Clean Copy of Allowed Claims.

## **DETAILED ACTION**

### ***Introduction***

1. This communication is in response to the Applicants' communication dated December 11, 2008. Claims 10, 20, 22 and 24 were amended. Claims 1-9, 11-19, 21, 23 and 25-27 were canceled. Claims 28-47 were added. Claims 10, 20, 22, 24 and 28-47 of the application are pending.

### ***Examiner's Amendment***

2. Authorization for this examiner's amendment was given in a telephone conversation by Mr. Robert Lord on March 9, 2009.

An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to the applicants, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

3. In the claims:

Replace claim 10 with:

10. A computer implemented method of generating a plurality of simulation results for an oilfield reservoir, comprising:

obtaining a plurality of cases and a plurality of scenarios comprising a plurality of grid geometry parameters describing the oilfield reservoir;

forming, using a computer, a plurality of simulator input files, each of the plurality of simulator input files comprising one of the plurality of cases and one of the plurality of scenarios wherein the plurality of simulator input files is stored in memory of the computer;

generating, using the computer, a tree comprising a first case as a root node of the tree, a first scenario as a first child node of the root node, a second case as a second child node of the root node, and a second scenario as a child node of the second child node, wherein the grid geometry parameters of the first case and the second case are different, wherein the grid geometry parameters of the first case and the first scenario are identical, and wherein the grid geometry parameters of the second case and the second scenario are identical;

storing the tree in the memory of the computer;

selecting, using the computer, a subset of the plurality of simulator input files from the tree, wherein the plurality of scenarios includes the first scenario and the second scenario, and wherein the plurality of cases includes the first case and the second case;

submitting the selected subset of the plurality of simulator input files to a simulator executing on the computer, wherein the simulator executes a simulation of the oilfield reservoir based on the plurality of simulator input files to generate the plurality simulation results for the oilfield reservoir;

obtaining the plurality of simulation results; and

displaying the plurality of simulation results on a display device of the computer.

Cancel claim 20.

Replace claim 22 with:

22. A computer readable medium storing computer executable instructions which when executed on a computer perform a method of generating a plurality of simulation results for an oilfield reservoir, the medium comprising instructions to:

obtain a plurality of cases and a plurality of scenarios comprising a plurality of grid geometry parameters describing the oilfield reservoir;

form a plurality of simulator input files, each of the plurality of simulator input files comprising one of the plurality of cases and one of the plurality of scenarios wherein the plurality of simulator input files is stored in memory of a computer;

generate a tree comprising a first case as a root node of the tree, a first scenario as a first child node of the root node, a second case as a second child node of the root node, and a second scenario as a child node of the second child node, wherein the grid geometry parameters of the first case and the second case are different, wherein the grid geometry parameters of the first case and the first scenario are identical, and wherein the grid geometry parameters of the second case and the second scenario are identical;

select a subset of the plurality of simulator input files from the tree;

submit the selected subset of the plurality of simulator input files to a simulator, wherein the simulator executes a simulation of the oilfield reservoir based on the plurality of simulator input files to generate the plurality of simulation results for the oilfield reservoir;

obtain the plurality of simulation results; and

display the plurality of simulation results on a display device of the computer.

Replace claim 24 with:

24. A computer system comprising:

a processor;

a memory operatively connected to the processor; and

a plurality of instructions stored in the memory comprising functionality to:

obtain a plurality of cases and a plurality of scenarios comprising a plurality of grid geometry parameters describing the oilfield reservoir;

form a plurality of simulator input files, each of the plurality of simulator input files comprising one of the plurality of cases and one of the plurality of scenarios wherein the plurality of simulator input files is stored in the memory;

generate a tree comprising a first case as a root node of the tree, a first scenario as a first child node of the root node, a second case as a second child node of the root node, and a second scenario as a child node of the second child node, wherein the grid geometry parameters of the first case and the second case are different, wherein the grid geometry parameters of the first case and the first scenario are identical, and wherein the grid geometry parameters of the second case and the second scenario are identical;

select a subset of the plurality of simulator input files from the tree;

submit the selected subset of the plurality of simulator input files to a simulator, wherein the simulator executes a simulation of the oilfield reservoir based on the plurality of simulator input files to generate the plurality of simulation results for the oilfield reservoir;

obtain the plurality of simulation results; and

display the plurality of simulation results on a display device.



Cancel claims 33-37.

**A clean copy of allowed claims is attached.**

***Reasons for Allowance***

4. Claims 10, 22, 24, 28-32 and 38-47 of the application are allowed over prior art of record.
5. The following is an Examiner's statement of reasons for the indication of allowable subject matter:

The closest prior art of record shows:

(1) a decision support system for managing an agile supply chain including a server side and a client side; the server includes a decision support system database that interfaces with a model engine that performs analysis of data to support planning decisions; users generate changes to databases that can be saved in scenarios which are managed by a scenario manager; scenarios contain edited data, results of analysis, graphs and charts and performance metrics; the output of analysis in one frame can be saved as a scenario and used as input in the context of another frame; scenarios while belonging to one user can be shared between users; user is allowed to load portions of a scenario into a different frame; a network simulator is used to perform analysis of the supply chain; Monte Carlo simulation is performed based on the demand processes; user interface to the simulator allows parameter setting and simulation monitoring; an edit data function allows the user to create new user defined domains and add them to the list of

existing domains; the user can create domains using tree like structures of all available products and customer groupings (**Huang et al.**, U.S. Patent 6,151,582);

(2) an automatic test equipment used in the manufacture of semiconductors and to storage and searching of named device parameter data used in testing; a data manager stores named data in memory and searches the stored named data when appropriate; the data manager has one or more containers having a mode for storing nested levels of named data in the form of a binary tree in an ordered sequence vector; the pin map data is stored in a binary tree; each pin or pin group has a specific location in the tree determined by the layout rules of the binary tree; the binary tree has a search method for rapid access to data by name; the data in the tree is mapped into an ordered sequence vector with numerical indicia defining the position of the named data in the ordered sequence vector; each container has a search mode which searches the tree for the named data and uses the mapping indicia associated with the named data to find the named data in the ordered sequence vector (**Blitz**, U.S. Patent 6,047,293); and

(3) a system and method for testing a telecommunication network; a test creation environment is supported by a plurality of modules including a test logic program (TLP) editor, a test case builder, a test suite builder and a test scheduler; the sequence of instructions is hierarchically structured in a test suite comprising a test case, the test case comprising the test logic program; the TLP editor allows a user to rapidly create and customize new test scenarios; a test execution environment (TEE) includes a test execution controller and a test reporter; the TEE provides a facility to invoke the test suites, to monitor and control test execution, to analyze the execution results and to generate reports based on the execution (**Cowgill**, U.S. Patent 5,835,566).

None of these references taken either alone or in combination with the prior art of record discloses a computer implemented method of generating a plurality of simulation results for an oilfield reservoir, specifically including:

(Claim 10) “generating, using the computer, a tree comprising a first case as a root node of the tree, a first scenario as a first child node of the root node, a second case as a second child node of the root node, and a second scenario as a child node of the second child node, wherein the grid geometry parameters of the first case and the second case are different, wherein the grid geometry parameters of the first case and the first scenario are identical, and wherein the grid geometry parameters of the second case and the second scenario are identical;

selecting, using the computer, a subset of the plurality of simulator input files from the tree, wherein the plurality of scenarios includes the first scenario and the second scenario, and wherein the plurality of cases includes the first case and the second case;

submitting the selected subset of the plurality of simulator input files to a simulator executing on the computer, wherein the simulator executes a simulation of the oilfield reservoir based on the plurality of simulator input files to generate the plurality simulation results for the oilfield reservoir” in combination with the remaining elements and features of the claimed invention.

None of these references taken either alone or in combination with the prior art of record discloses a computer readable medium storing computer executable instructions which when

executed on a computer perform a method of generating a plurality of simulation results for an oilfield reservoir, specifically including:

(Claim 22) “generate a tree comprising a first case as a root node of the tree, a first scenario as a first child node of the root node, a second case as a second child node of the root node, and a second scenario as a child node of the second child node, wherein the grid geometry parameters of the first case and the second case are different, wherein the grid geometry parameters of the first case and the first scenario are identical, and wherein the grid geometry parameters of the second case and the second scenario are identical;

select a subset of the plurality of simulator input files from the tree;

submit the selected subset of the plurality of simulator input files to a simulator, wherein the simulator executes a simulation of the oilfield reservoir based on the plurality of simulator input files to generate the plurality of simulation results for the oilfield reservoir” in combination with the remaining elements and features of the claimed invention.

None of these references taken either alone or in combination with the prior art of record discloses a computer system, specifically including:

(Claim 24) “generate a tree comprising a first case as a root node of the tree, a first scenario as a first child node of the root node, a second case as a second child node of the root node, and a second scenario as a child node of the second child node, wherein the grid geometry parameters of the first case and the second case are different, wherein the grid geometry parameters of the first case and the first scenario are identical, and wherein the grid geometry parameters of the second case and the second scenario are identical;

select a subset of the plurality of simulator input files from the tree;

submit the selected subset of the plurality of simulator input files to a simulator, wherein the simulator executes a simulation of the oilfield reservoir based on the plurality of simulator input files to generate the plurality of simulation results for the oilfield reservoir” in combination with the remaining elements and features of the claimed invention.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dr. Kandasamy Thangavelu whose telephone number is 571-272-3717. The examiner can normally be reached on Monday through Friday from 8:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paul Rodriguez, can be reached on 571-272-3753. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to TC 2100 Group receptionist: 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

K, Thangavelu  
Examiner, Art Unit 2123  
March 10, 2009

/Paul L Rodriguez/  
Supervisory Patent Examiner, Art Unit 2123